

Addressing Urban Air Toxics  
In New York City:  
*A Community Based Approach*

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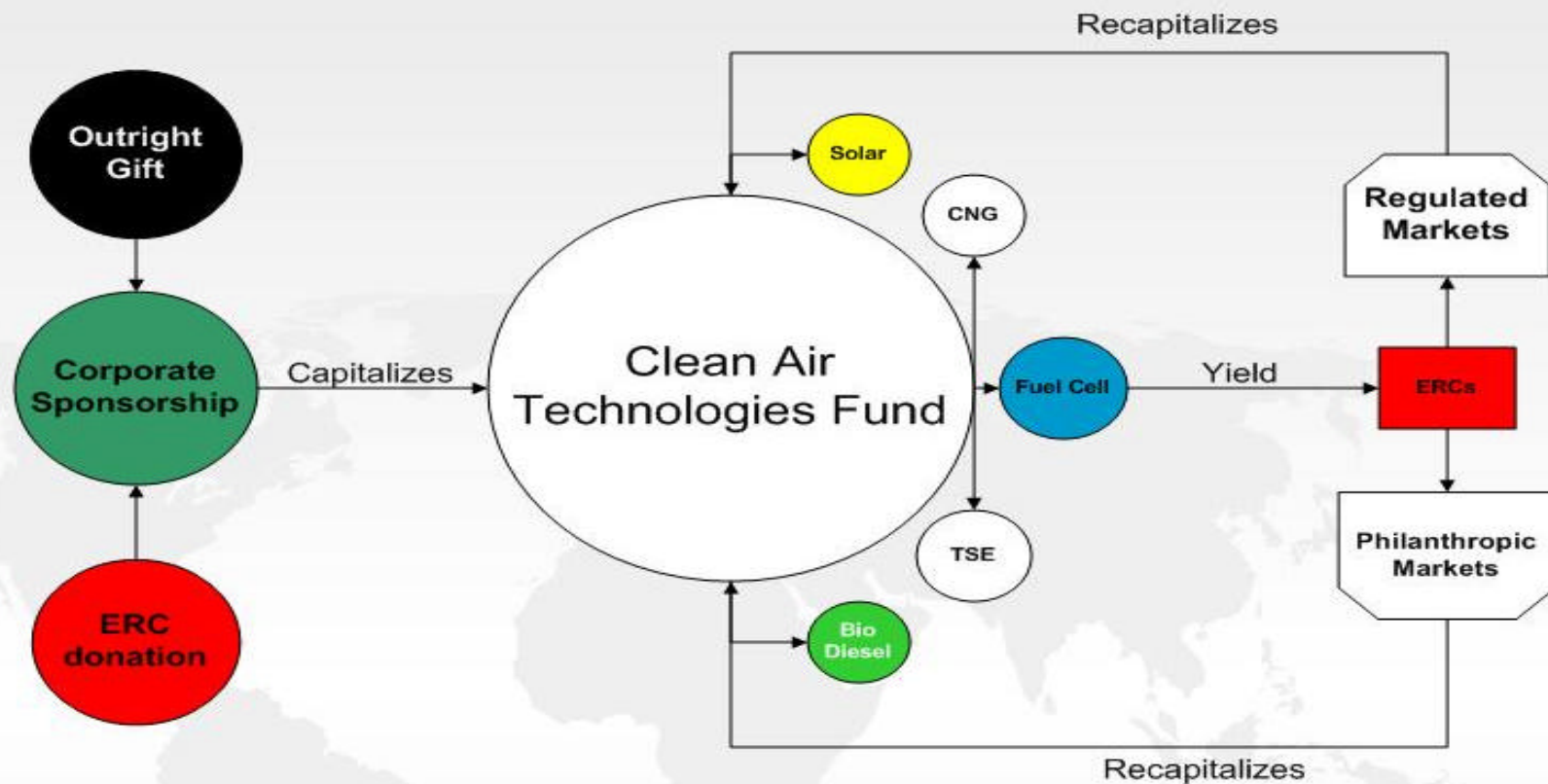
# CAC: One Possible Solution

Building capacity by:

- Harmonizing EJ, Industry, ET interests around urban air quality improvement projects
- Structuring a “clearinghouse” to facilitate achievement of common goals, initiatives
- Exploring the rationale that urban air quality improvement in disadvantaged communities may be supported through market based approaches



# The CAC Model



## Key Objectives

- **Community Partnerships:** Build a diverse, local coalition with a mutual interest in reducing urban air pollution
- **Synergies Between EJ and Clean Air Markets:** Develop a framework for using market mechanisms that are consistent with environmental justice concerns
- **Community-Based Pollution Reduction:** Through a \$5 million grant from Con Ed, implement clean air strategies to reduce local air pollution in New York City
- **Sustainability:** Advance a long-term, sustainable model for developing community-based clean air initiatives



# Organizational Structure

- **Steering Committee**
  - Natural Resources Defense Council (NRDC)
  - New York State Department of Environmental Conservation (NYSDEC)
  - Con Edison
  - Northeast States Clean Air Foundation (NESCAF)
- **Advisory Group**
  - Community-based health and environmental groups
  - Political and government representatives
  - Academic organizations



# Hunts Point TSE project



**Sustainable South Bronx and NYPA will install a 30-bay truck electrification system at the Hunt's Point Market in the South Bronx. By using a technology developed by IdleAire, the team will develop a zero-idling zone, eliminate diesel exhaust, and improve upon local air quality. This is the first commercial application of IdleAire's technology in the U.S.**



# GMDC PV Solar Array Project



**GMDC is a not-for-profit industrial center in Greenpoint, Brooklyn. Working with PowerLight, NSYERDA and CAC, GMDC will install a 135 kW system on two units. The project will supply GMDC with 100% of their Humbolt facility's total power demand utilizing one of the region's first commercial applications of a zinc-bromide battery with 50 kW storage.**





## What's Ahead

- First Projects Announced - Fall 2001
- Project Implementation - Winter 2001
- New Funding Cycles - Spring 2002
- Explore ERC markets - Summer 2002
- Begin New Partnerships In Northeast Cities, 2002 - 2003







